

**JOURNAL OF AGRICULTURE  
AND  
AGRICULTURAL TECHNOLOGY**

Vol. 11(1) April, 2020

ISSN: 1597 – 5460

**A Publication of School of Agriculture and Agricultural Technology  
Federal University of Technology Minna**

**Copyright © Journal of Agriculture and Agricultural Technology 2020**

All rights reserved. No part of this publication may be reproduced, stored in any retrieval system, or translated in any form or by any means, electronic, mechanical photocopying, recording or otherwise without prior written permission of the Editors

## **EDITORIAL BOARD**

Prof. J. N. Nmadu	Editor-in-Chief
Prof. C. E. Chinma	Editorial Manager
Dr. Mrs. D. T. Adewoyin-Ezekiel	Business Manager
Dr. M. Ibrahim	Member
Dr. A. M. Orire	Member
Dr. Mrs. K. Akande	Member
Dr. Mrs. A. I. Oseghale	Member
Dr. K. Tolorunse	Member
Dr. O. J. Alabi	Member
Dr. Mrs. O. O. Adediran	Editorial Secretary

## **EDITORIAL ADVISERS**

Prof. T.Z. Adama	Federal University of Technology, Minna
Prof. S.L. Lamai	Federal University of Technology Minna
Prof. K.M. Baba	Federal University of Technology Minna
Prof. M.G.M. Kolo	Federal University of Technology Minna
Prof. O.O. Fagbenro	Federal University of Technology, Akure
Prof. O.O. Odoguwa	Federal University of Agriculture, Abeokuta
Prof. B.A. Raji	Ahmadu Bello University, Zaria
Prof. O. Bello	Federal University of Agriculture, Makurdi
Prof. I.S.R. Butswat	National Open University of Nigeria, Jos
Prof. Lawrence Etim	University of Uyo
Prof. S.O. Ojeniyi	Federal University of Technology, Akure
Prof. T.A. Tinebe	National Open University of Nigeria, Kaduna
Prof. B.O. Ogunbamiro	University of Maiduguri
Prof. O. Aworh	University of Ibadan
Prof. I.A. Adeyemi	Ladoke Akintola University of Technology, Ogbomosho
Prof. S.O.E. Sadiku	Federal University of Technology, Minna

**EDITORIAL**

The Editorial Board is happy to release Volume 11(1) of our reputable Journal.

.

Editor-in-Chief

A handwritten signature in blue ink, appearing to read 'J. N. Nmadu', with a horizontal line above the first part of the signature.

Prof. Job N Nmadu

**Table of Contents**

EDITORIAL	iii
ASSESSMENT OF SUSTAINABLE LAND MANAGEMENT PRACTICES AMONG FOOD CROP FARMERS IN NIGER STATE AND FEDERAL CAPITAL TERRITORY, ABUJA, NIGERIA	5
Samuel <sup>1*</sup> , Y. J., Baba <sup>1</sup> , K. M., Tanko <sup>1</sup> , L. and Umar <sup>2</sup> , I. S.	5
EFFECTS OF SOME NATURAL PRESERVATIVES ON THE NUTRIENT COMPOSITION AND SHELF LIFE OF SMOKED TILAPIA SPECIES ( <i>Oreochromis niloticus</i> )	17
*Orire A. M. <sup>1</sup> , Musa, Y. <sup>2</sup> and Haruna, M. A. <sup>3</sup>	17
QUALITY ASSESSMENT OF CHEESE FROM COW MILK SUPPLEMENTED WITH TIGERNUT MILK AND COCONUT MILK	23
Oni <sup>1</sup> O.K., Ojo <sup>2</sup> M. O., Folake <sup>1,3</sup> -Idowu Adebayo., Adepeju <sup>1</sup> A.B. and Oyinloye <sup>1</sup> A.M.	23
PERCEPTION OF THE USE OF SOCIAL MEDIA AMONG AGRICULTURAL RESEARCHERS IN IBADAN METROPOLIS	31
Kareem, A.T., Ugege, B.H., Ogunwale O.G., Ojo-fakuade A. A. and Oyewole O.O	31
QUALITY EVALUATION OF BREAD FROM WHEAT, COCOYAM AND ACHA COMPOSITE FLOUR BLEND	37
Oni <sup>1</sup> , O.K., Ojo <sup>2</sup> , M.O., Folake <sup>1,3</sup> Idowu Adebayo, Adepeju <sup>1</sup> , A.B., Oyinloye <sup>1</sup> , A.M. and Ibok <sup>4</sup> , N.U.	37
NUTRITIONAL EVALUATION OF COOKED <i>Tamarindus indica</i> SEED MEAL AND PERFORMANCE OF <i>Clarias gariepinus</i> FINGERLINGS	43
Orire, A.M. <sup>1*</sup> , Chinenyem, F. S. <sup>2</sup> and Haruna, M.A. <sup>3</sup>	43